LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082851.D
Acq On : 10 Nov 2015 3:46
Operator : UM/IZ
Sample : G4275-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10R

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.013	252	256	262	rVB	2270572	3768136	51.15%	5.333%
2	5.436	290	293	295	rBV	6124945	6484972	88.03%	9.178%
3	6.465	380	383	386	rVB	4876294	7366397	100.00%	10.425%
4	6.602	392	395	397	rBV	6431370	7306238	99.18%	10.340%
5	6.830	412	415	417	rBV	1715742	1635858	22.21%	2.315%
6	6.990	426	429	431	rBV	4558108	5174931	70.25%	7.324%
7	7.390	460	464	467	rBV	3674540	4207645	57.12%	5.955%
8	8.019	517	519	522	rBV	62956	77775	1.06%	0.110%
9	8.110	525	527	530	rVB	1956398	1954204	26.53%	2.766%
10	9.196	619	622	624	rVB	7243395	7101139	96.40%	10.050%
11	9.585	654	656	658	rBV	1746154	1461211	19.84%	2.068%
12	9.871	678	681	683	rBV	2246634	2349728	31.90%	3.325%
13	10.659	747	750	752	rVB	3829569	4732155	64.24%	6.697%
14	10.785	759	761	764	rVB	143909	168452	2.29%	0.238%
15	11.231	795	800	801	rBV	127535	121035	1.64%	0.171%
16	11.345	808	810	812	rBV	2375822	2162626	29.36%	3.061%
17	11.894	855	858	862	rBV3	241311	355082	4.82%	0.503%
18	12.602	918	920	923	rVB	94444	90410	1.23%	0.128%
19	12.774	933	935	937	rVB2	53719	75641	1.03%	0.107%
20	12.934	946	949	952	rBV	4804579	6156545	83.58%	8.713%
21	13.185	967	971	973	rBV2	53015	101899	1.38%	0.144%
22	13.848	1026	1029	1035	rBV	546009	886157	12.03%	1.254%
23	13.985	1038	1041	1043	rBV	1827634	2207561	29.97%	3.124%
24	14.488	1082	1085	1093	rBV	545554	1140100	15.48%	1.614%
25	14.751	1106	1108	1111	rBV	157607	165877	2.25%	0.235%
26	15.128	1139	1141	1151	rVB	131735	299962	4.07%	0.425%
27	15.403	1162	1165	1168	rBV	1382669	1699767	23.07%	2.406%
28	15.940	1208	1212	1223	rVB8	43814	177880	2.41%	0.252%
29	17.197	1318	1322	1327	rVB	141587	268729	3.65%	0.380%
30	17.368	1331	1337	1344	rBV3	85497	372115	5.05%	0.527%
31	18.306	1416	1419	1427	rBV6	22657	100111	1.36%	0.142%
32	20.043	1566	1571	1579	rVB8	25990	87414	1.19%	0.124%
33	21.220	1666	1674	1680	rBV5	93313	401731	5.45%	0.569%

LSC Area Percent Report

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Data File : BF082851.D
Acq On : 10 Nov 2015 3:46
Operator : UM/IZ
Sample : G4275-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10R

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

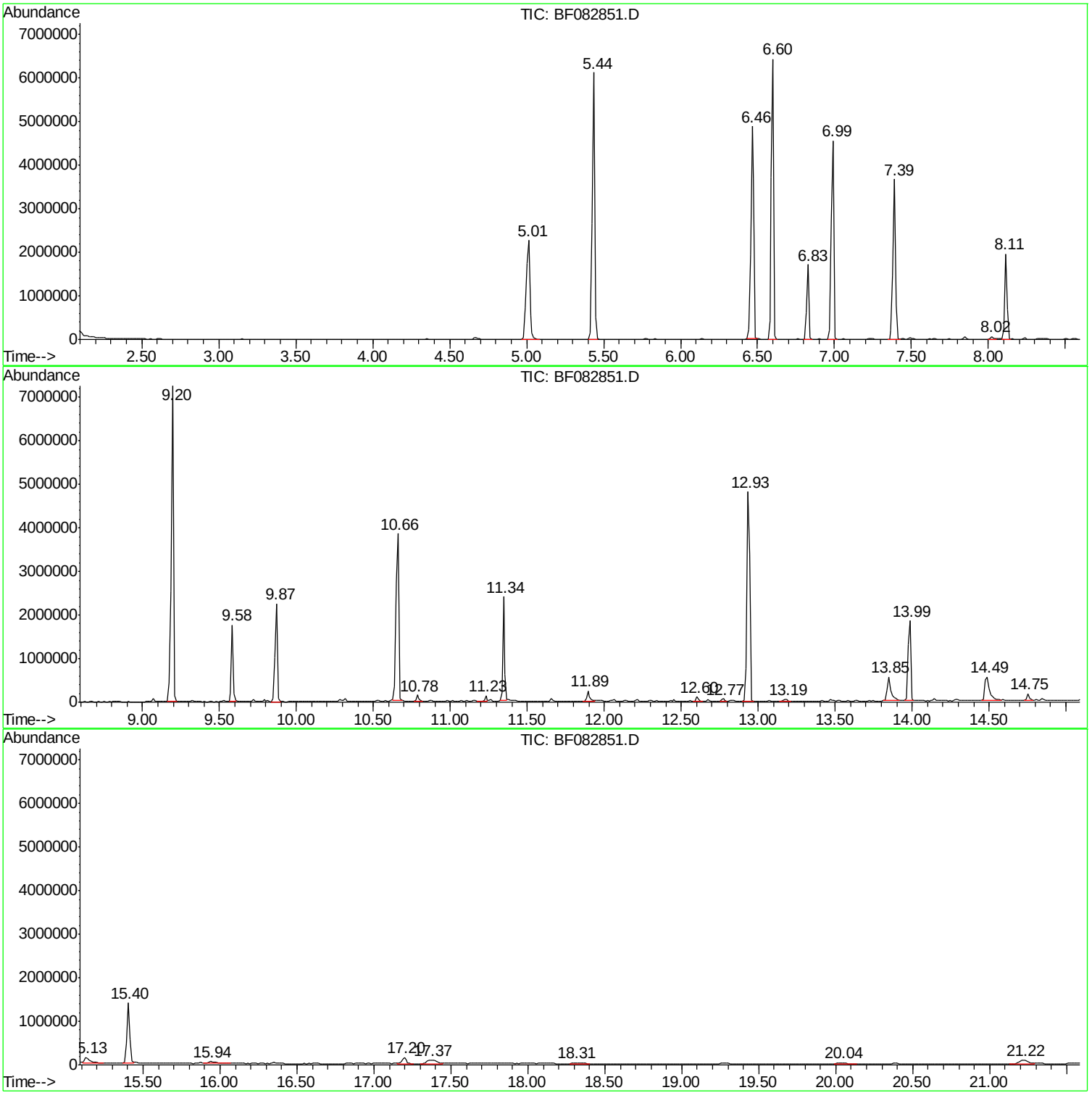
Sum of corrected areas: 70659483

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082851.D
Acq On : 10 Nov 2015 3:46
Operator : UM/IZ
Sample : G4275-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

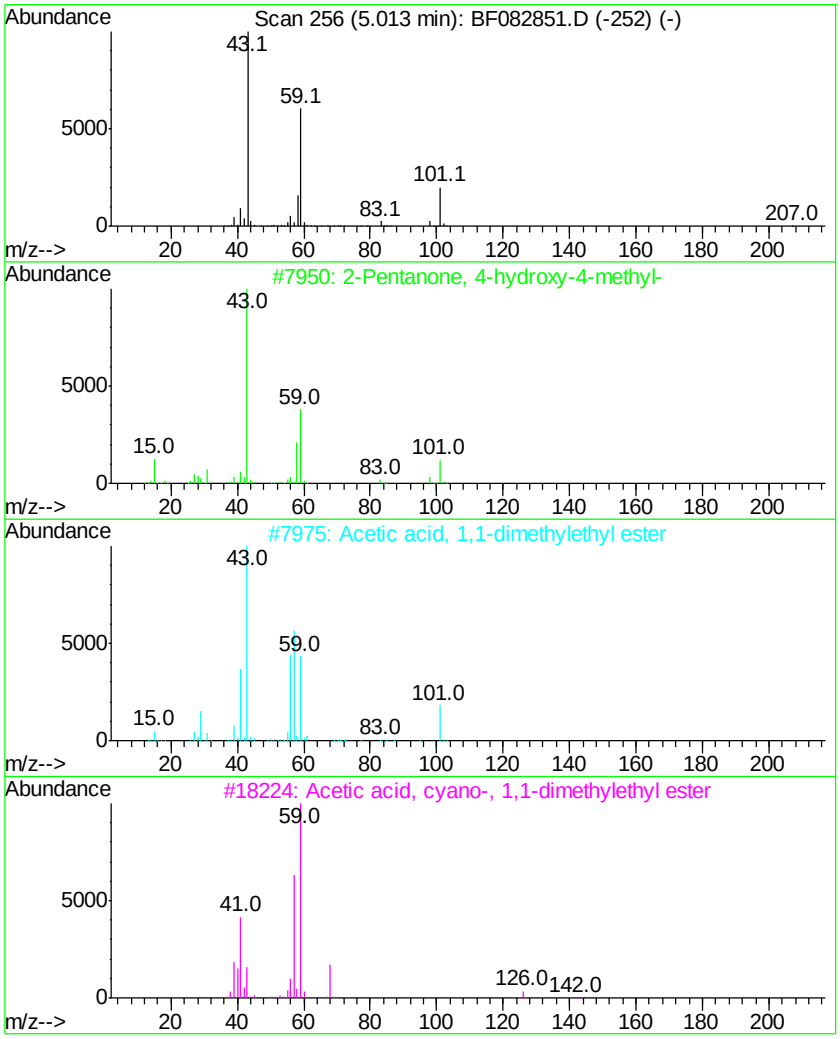
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

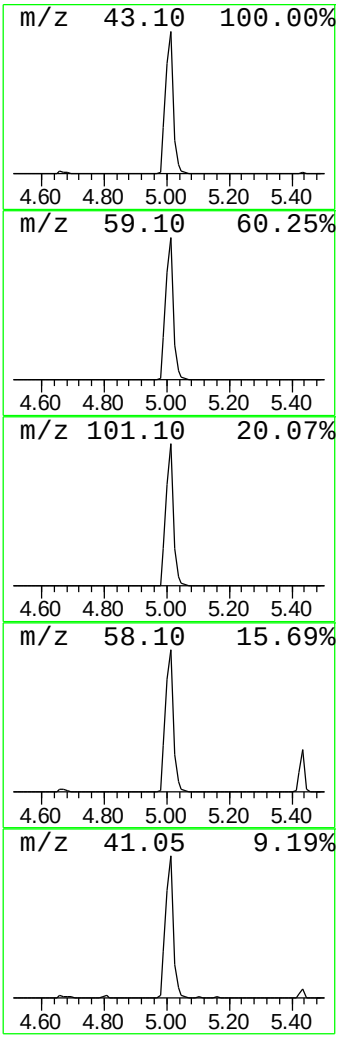
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	46.07 ng	3768140	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082851.D
Acq On : 10 Nov 2015 3:46
Operator : UM/IZ
Sample : G4275-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

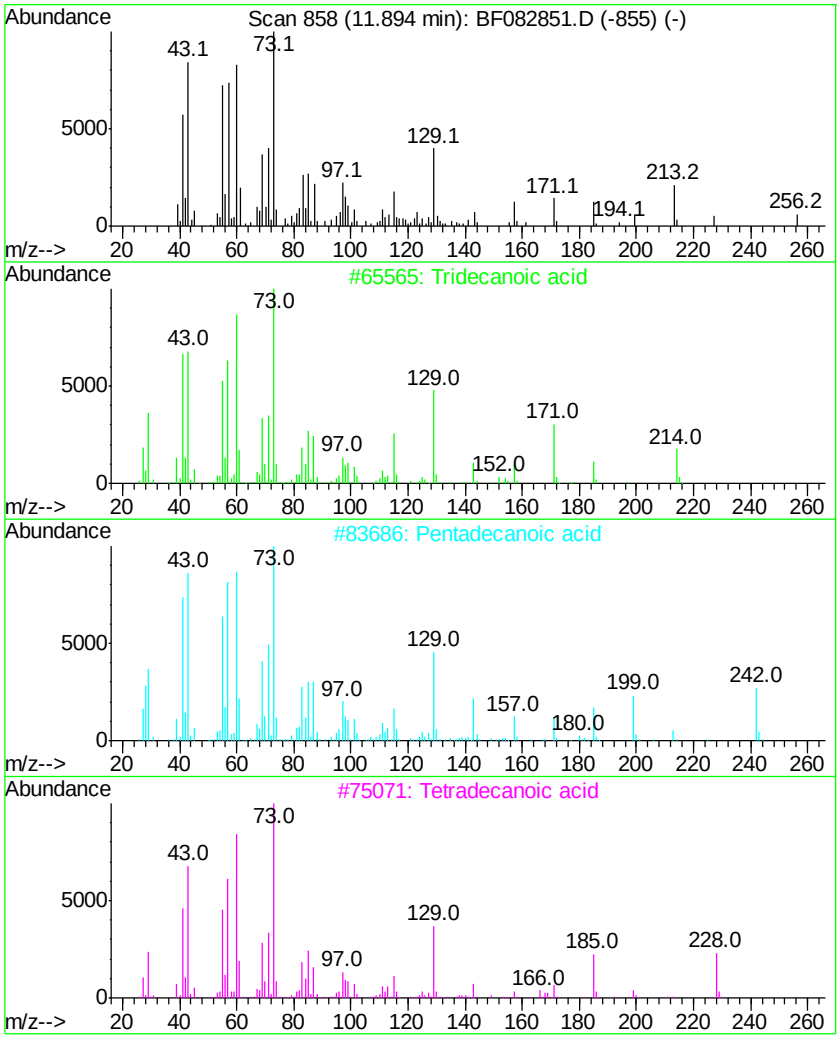
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

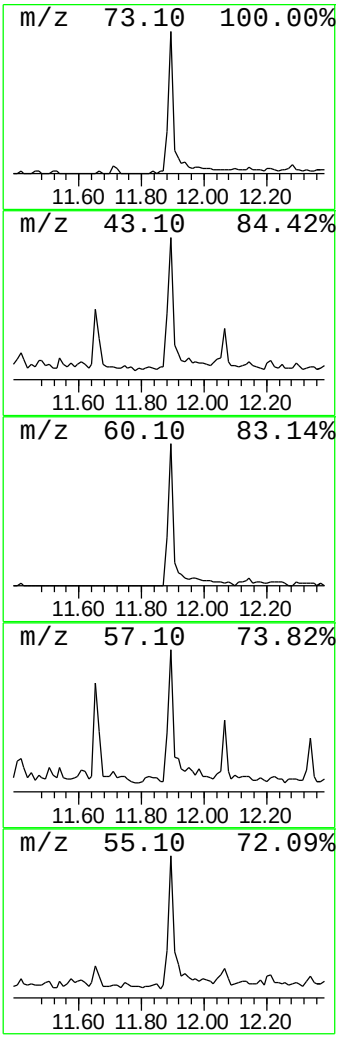
****

Peak Number 4 Tridecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.28 ng	355082	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082851.D
Acq On : 10 Nov 2015 3:46
Operator : UM/IZ
Sample : G4275-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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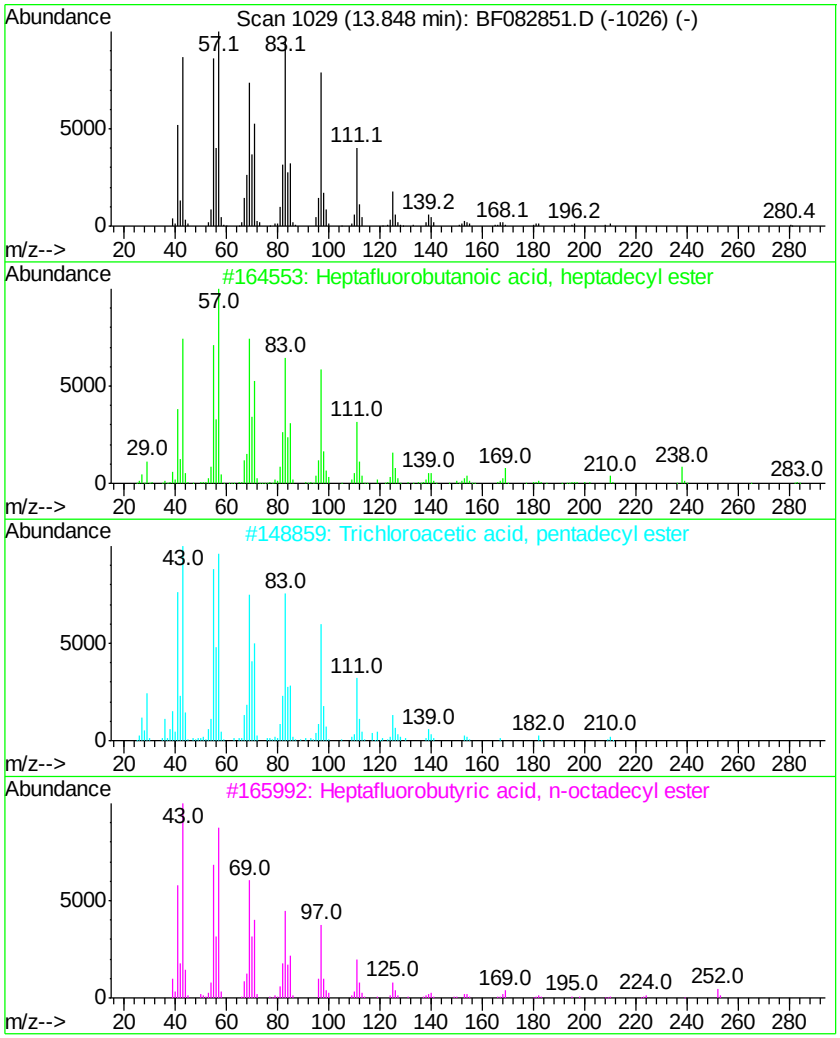
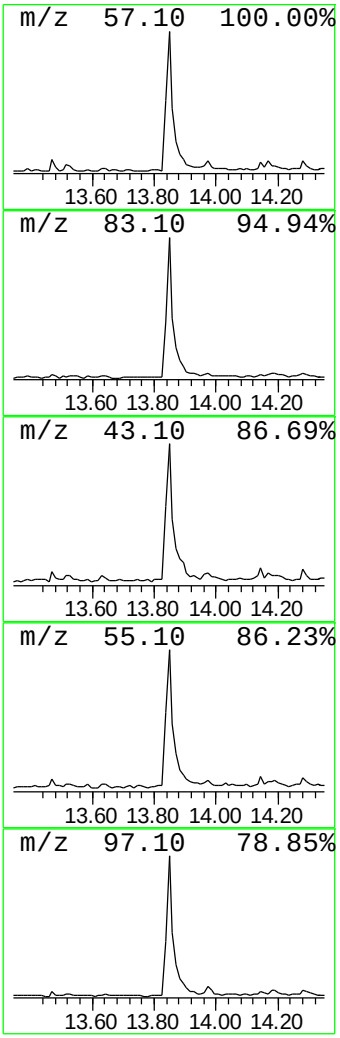
Peak Number 5 Heptafluorobutanoic acid, h... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	8.03 ng	886157	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	81
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	74
5	1-Nonadecene	266	C19H38	018435-45-5	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082851.D
Acq On : 10 Nov 2015 3:46
Operator : UM/IZ
Sample : G4275-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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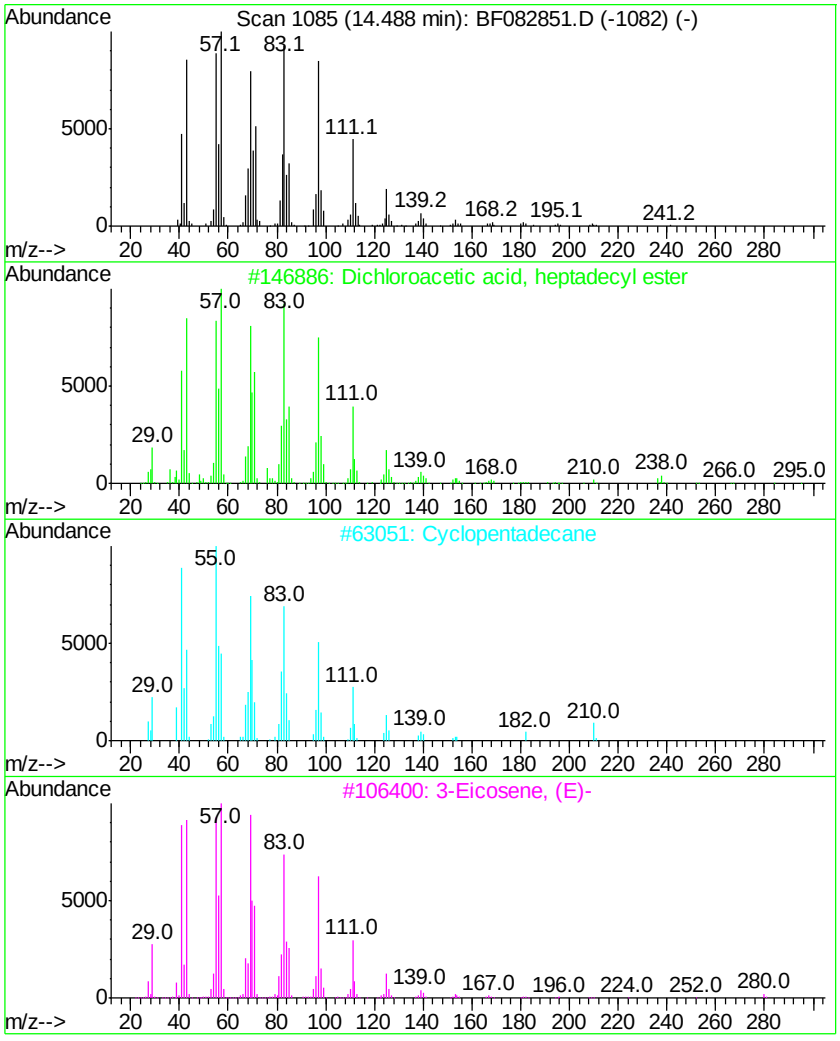
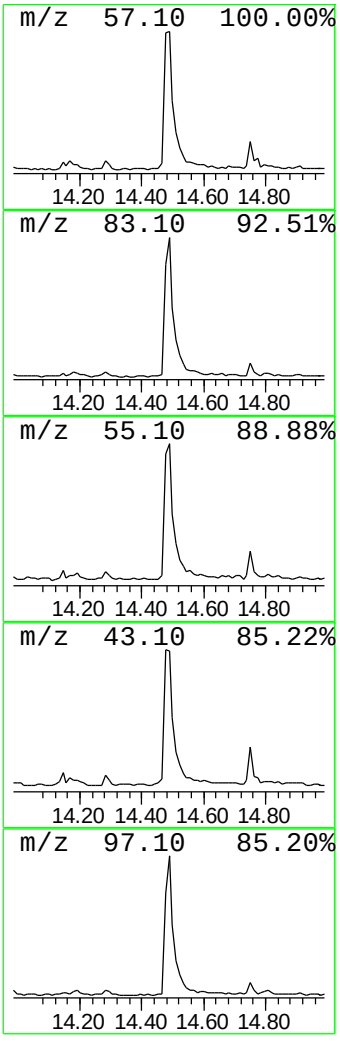
Peak Number 6 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	10.33 ng	1140100	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91





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Acq On : 10 Nov 2015 3:46
Operator : UM/IZ
Sample : G4275-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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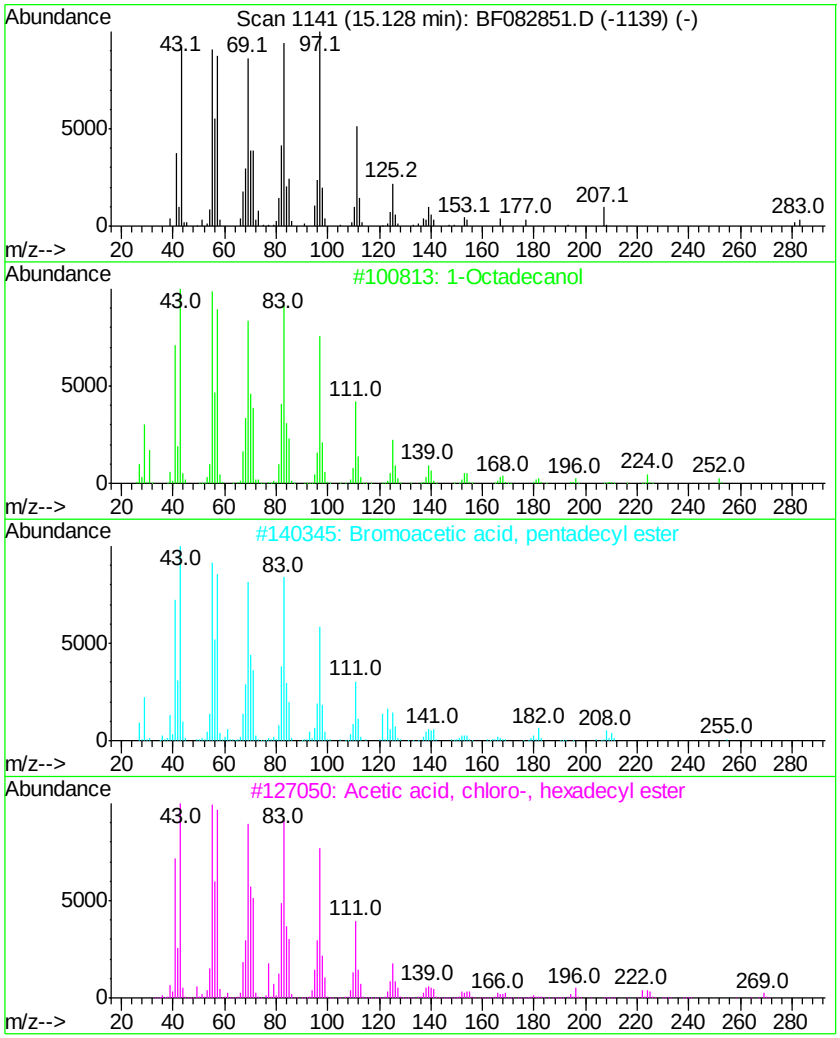
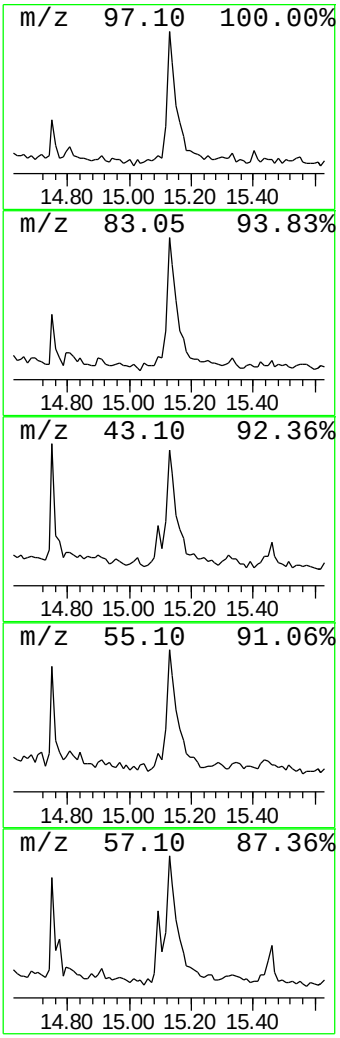
Peak Number 7 1-Octadecanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	3.53 ng	299962	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	86
2	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	76
3	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	64
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	58
5	Cycloeicosane	280	C20H40	000296-56-0	58





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Operator : UM/IZ
Sample : G4275-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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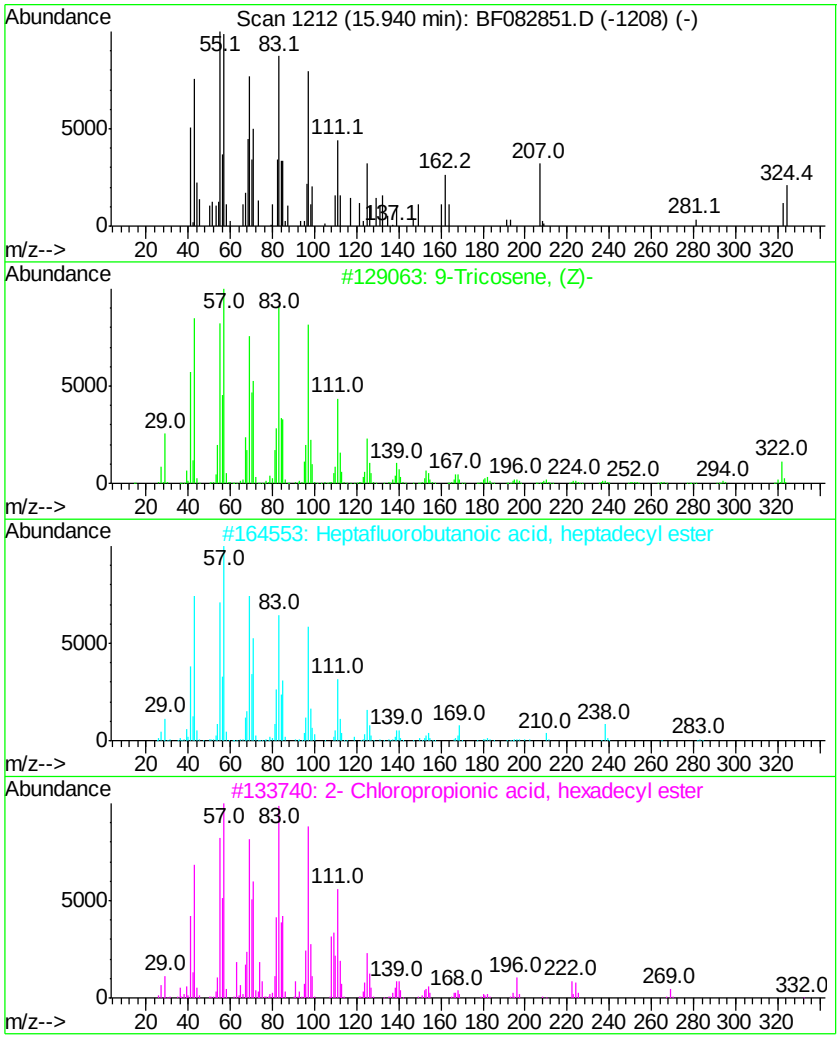
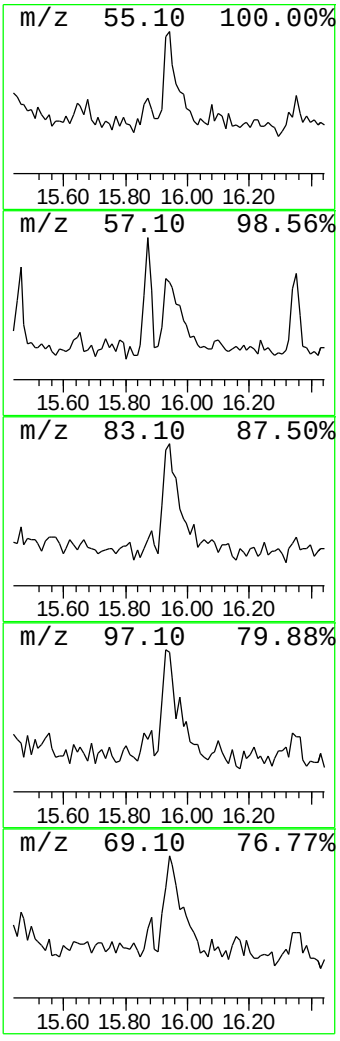
Peak Number 8 9-Tricosene, (Z)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	2.09 ng	177880	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	76
3	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	76
4	1-Tricosene	322	C23H46	018835-32-0	70
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	68





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

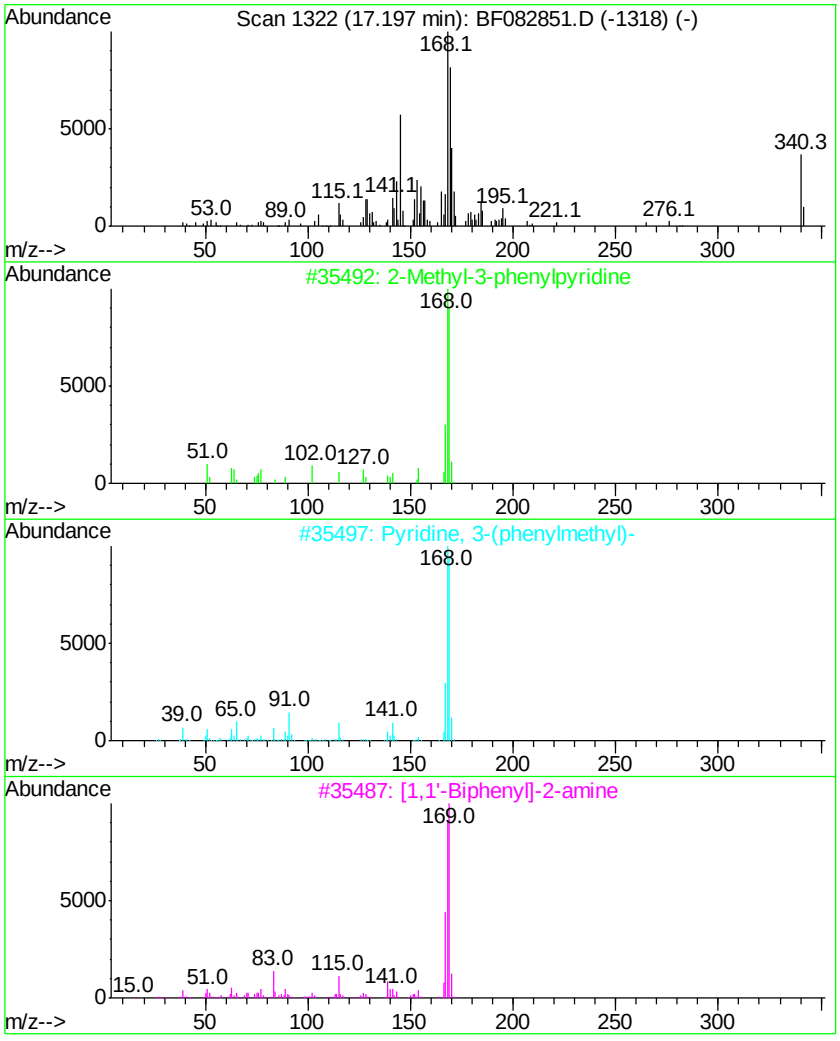
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

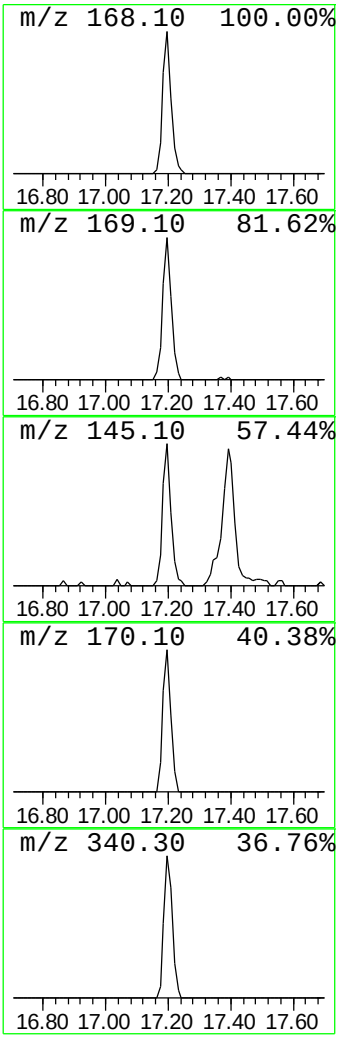
****

Peak Number 9 unknown17.20 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	3.16 ng	268729	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-3-phenylpyridine	169	C12H11N	003256-89-1	38
2	Pyridine, 3-(phenylmethyl)-	169	C12H11N	000620-95-1	38
3	[1,1'-Biphenyl]-2-amine	169	C12H11N	000090-41-5	38
4	1,2,3,3a,8,9,9a,9b-Octahydrocycl...	198	C15H18	148145-44-2	27
5	Nickel,bis(1,2,3-.eta.)-2-methyl...	168	C8H14Ni	012261-14-2	25





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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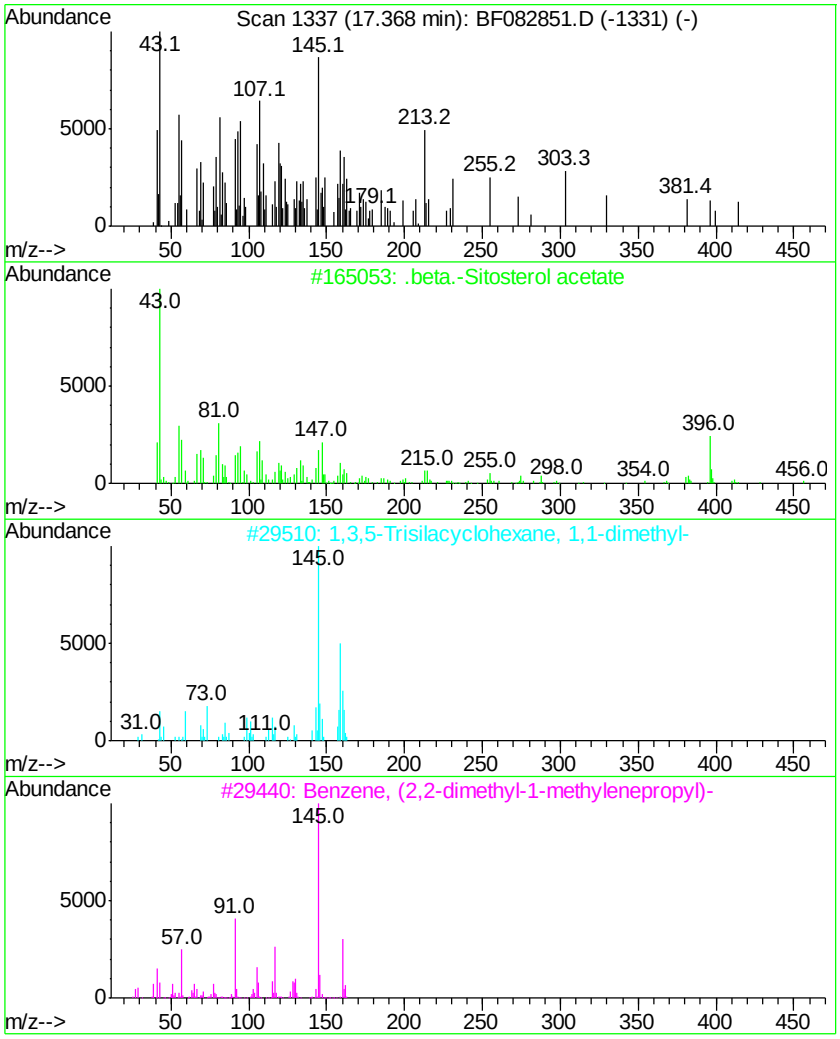
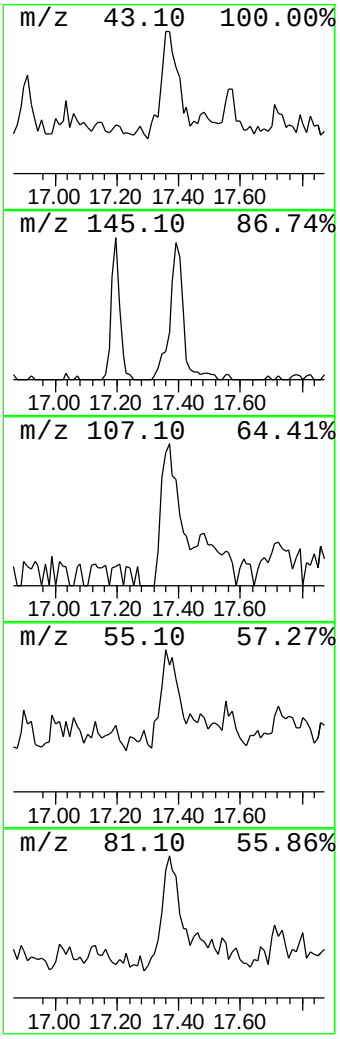
Peak Number 10 unknown17.37 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	4.38 ng	372115	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	43
2	1,3,5-Trisilacyclohexane, 1,1-di...	160	C5H16Si3	054424-15-6	25
3	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	25
4	Androst-5-ene,1-acetoxy-16,17-di...	386	C25H38O3	294866-91-4	14
5	1,4-Di(cyclopentyl)benzene	214	C16H22	018970-50-8	11





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Operator : UM/IZ
Sample : G4275-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

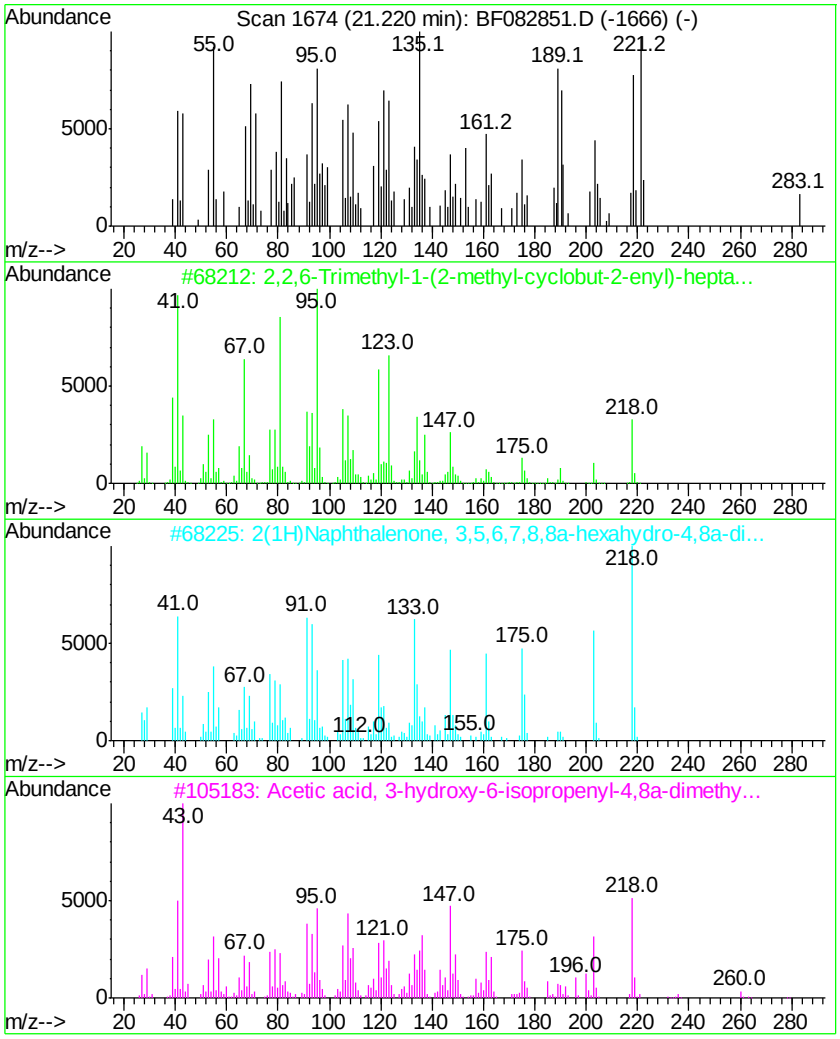
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

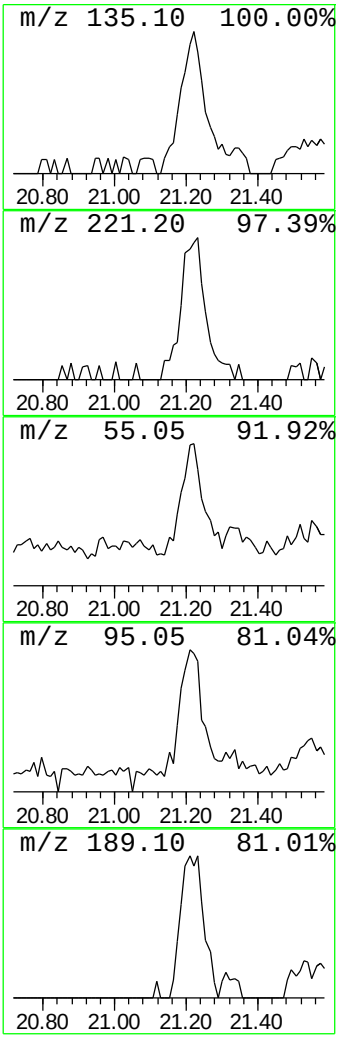
****

Peak Number 11 2,2,6-Trimethyl-1-(2-methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	4.73 ng	401731	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	91
2	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	30
3	Acetic acid, 3-hydroxy-6-isoprop...	278	C17H26O3	1000185-44-8	30
4	1-Hydroxypyrene	218	C16H10O	005315-79-7	25
5	Bicyclo[6.3.0]undec-1(8)-en-3-ol...	222	C15H26O	1000164-02-6	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110915\
Data File : BF082851.D
Acq On : 10 Nov 2015 3:46
Operator : UM/IZ
Sample : G4275-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-10R

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.01	46.1	ng	3768140	1	6.83	1635860	20.0
Tridecanoic acid	11.89	3.3	ng	355082	4	11.35	2162630	20.0
Heptafluorobutano...	13.85	8.0	ng	886157	5	13.99	2207560	20.0
Dichloroacetic ac...	14.49	10.3	ng	1140100	5	13.99	2207560	20.0
1-Octadecanol	15.13	3.5	ng	299962	6	15.40	1699770	20.0
9-Tricosene, (Z)-	15.94	2.1	ng	177880	6	15.40	1699770	20.0
unknown17.20	17.20	3.2	ng	268729	6	15.40	1699770	20.0
unknown17.37	17.37	4.4	ng	372115	6	15.40	1699770	20.0
2,2,6-Trimethyl-1...	21.22	4.7	ng	401731	6	15.40	1699770	20.0